

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use several sheets if necessary)  (PTO-1449)	ATTY. DOCKET NO. 20959/1661 (P 58792)	SERIAL NO. 10/053,460
	APPLICANT Moszner et al.	
	FILING DATE January 18, 2002	GROUP ART UNIT 1712

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE



## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRAN- SLATION IF APPRO- PRIATE
<i>mj</i>	1	WO 00/69392	11/23/2000	WIPO		

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## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

<i>mj</i>	2	Schubert et al., "Inorganic-Organic Hybrid Polymers from Surface-Modified Oxometallate Clusters," <u>Mat. Res. Soc. Symp. Proc.</u> , 628:CC2.3.1-CC2.3.11 (2000)
<i>mj</i>	3	Schubert et al., "Nanoscale Structures of Sol-Gel Materials," <u>Mol. Cryst. and Liq. Cryst.</u> , 34:107-122 (2000)
EXAMINER	DATE CONSIDERED	
<i>Mark J. Jones</i>	<i>9/24/04</i>	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE
<i>mj</i>	15	44 16 857 C1	05/13/1994	Germany			abstract
<i>mj</i>	16	EP 1 022 012 A2	07/26/2000	Europe			abstract
<i>mj</i>	17	DE 31 37 840 C2	09/23/1981	Germany			abstract
<i>mj</i>	18	JP 03177470 A2	08/01/1991	Japan			abstract

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<i>mj</i>	19	Yoshida et al., "Effects of Coupling Agents on Mechanical Properties of Metal Oxide -Polymethacrylate Composites," <i>J. Dent.</i> , 22(1):57-62 (1994) (abstract only)
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	1	5,508,342	04/16/1996	Antonucci et al.			
	2	6,096,903	08/01/2000	Moszner et al.			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION IF APPROPRIATE
mz	3	WO 92/11837	07/23/1992	WIPO			
mz	4	WO 96/13538	05/09/1996	WIPO			
mz	5	WO 98/46197	10/22/1998	WIPO			
mz	6	WO 98/47047	10/22/1998	WIPO			
mz	7	DE 198 46 660 A1	10/09/1998	Germany			abstract
mz	8	DE 196 34 189 A1	08/23/1996	Germany			abstract
mz	9	DE 41 33 494 C2	10/09/1991	Germany			abstract

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mz	10	Schubert et al., "Primary Hydrolysis Products of Methacrylate-Modified Titanium and Zirconium Alkoxides," <u>Chem. Mater.</u> , 4:291-295 (1992)
mz	11	Kickelbick et al., "Oxozirconium Methacrylate Clusters: $Zr_6(OH)_4O_4(OMc)_{12}$ and $Zr_4O_2(OMc)_{12}(OMc = \text{Methacrylate})$ ," <u>Chem. Ber./Recueil</u> , 130:473-477 (1997)
mz	12	Rawls et al., "Radiopaque Acrylic Resins Containing Miscible Heavy-Metal Compounds," <u>Dent. Mater.</u> , 6(4):250-255 (1990) (abstract only)
	13	Skrtec et al., "Physicochemical Evaluation of Bioactive Polymeric Composites Based on Hybrid Amorphous Calcium Phosphates," <u>J. Biomed. Mater. Res.</u> , 53(4):381-391 (2000) (abstract only)
mz	14	Loebenstein, "Coupling Agents for Improved Bonding of ***Dental*** Composites," <u>J. Dent. Res.</u> , 57(3):480 (1978) (abstract only)
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